

Work Order ID 65647

January 21, 2011 9:18:43 AM



Page 1

Item ID: D350-764-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Shoulder Harness

Start Date: 1/21/11 Start Qty: 1.00



Cust Item ID:

Required Date: 2/04/11 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

U/R 1.01.28

IIN-D350-764

Rev B - U/R

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D350-764-011

CHG002

8/11/12/27

Ador BG 11-01-27
①

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

Packaging

8/11/12/27

120

0.00



QC4- 100% Inspect kits for completeness

Memo

0.00

Quality Control

8/11/12/27

8/11/12/27

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 65647

January 21, 2011 9:18:43 AM



Page 2

Item ID: D350-764-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Shoulder Harness

Start Date: 1/21/11 Start Qty: 1.00



Cust Item ID:

Required Date: 2/04/11 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Packaging	0.00							
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-764-011								
	Location: <u>52</u>								
	PPP Rev: <u>C</u>								
140 	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

u 401.27

u 101/28

u 101/27

Picklist Print

January 21, 2011 9:18:26 AM

Page 10

Work Order ID: 65647

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 1/21/11

Required Date: 2/04/11

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A New issue 07-10-11 DD verified by EC
IPP Rev:B ECN 1050 rev.B as per dwg 08-01-10 DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

ALS4-1032-130

Purchased

No

110

Each

973.0000

16

16



Insert

Location

Loc Qty

Loc Code

PKG11

506

114723

506

ST281

332

116049

332

ST282

96

110511

10

115911

86

ST381

39

114654

39

1114723

AN3-3A

Purchased

No

110

Each

265.0000

32

32



Bolt

Location

Loc Qty

Loc Code

ST350

265

116400

65

116419

150

116590

50

116400

AN3-6A

Purchased

No

110

Each

176.0000

16

16



Bolt

Location

Loc Qty

Loc Code

ST351

176

114941

126

116191

50

114941

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 21, 2011 9:18:26 AM

Page 2

Work Order ID: 65647

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 1/21/11

Required Date: 2/04/11

Start Qty: 1.00

Required Qty: 1.00

AN4-10A

Purchased

No

110

Each

91.0000



Bolt



Location

Loc Qty

Loc Code

ST356

91

113422

1

115835

40

116419

50

M113422 1X

M116419 3X

AN960JD10

NAS1149D0363J

Purchased

No

110

Each

8.0000



Washer



Location

Loc Qty

Loc Code

ST

6

107715

6

ST335

2

105792

2

M116022

AN960JD916

NAS1149D059630

Purchased

No

110

Each

0.0000



WASHER



AN970-6

Purchased

No

110

Each

53.0000



Washer



Location

Loc Qty

Loc Code

ST349

53

114341

3

116419

50

114341 3X

116419 1X

January 21, 2011 9:18:26 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 21, 2011 9:18:26 AM

Page 3

Work Order ID: 65647

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 1/21/11

Required Date: 2/04/11

Start Qty: 1.00

Required Qty: 1.00

CCR264SS3-3

Purchased

No

110

Each

186.0000

16

16

Cherry Rivet

Location

Loc Qty

Loc Code

ST311

186

112314

4

113539

44

113973

138

CR3212-4-2

Purchased

No

110

Each

19.0000

4

4

Cherry Rivet

Location

Loc Qty

Loc Code

ST311

19

110806

19

CR3212-5-04

Purchased

No

110

Each

93.0000

4

4

Rivet

Location

Loc Qty

Loc Code

ST312

93

112082

93

CR3212-5-07

Purchased

No

110

Each

76.0000

4

4

Rivet

Location

Loc Qty

Loc Code

ST312

76

114551

76

January 21, 2011 9:18:27 AM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 21, 2011 9:18:28 AM

Page 4

Work Order ID: 65647

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 1/21/11

Required Date: 2/04/11

Start Qty: 1.00

Required Qty: 1.00

D2854 Manufactured No 110 f 78.6660 2.666 2.666

 3/4" Velcro Strip

Location	Loc Qty	Loc Code
ST416	78.666	
62089	18.666	
65116	60	

62089

(4X) 8.00" per dwg D2854-1/-3-080
 D3578-041

Manufactured No 110 Each 85.0000



 Doubler

Location	Loc Qty	Loc Code
ST244A	85	
64763	25	
65269	60	

64763

D3636-041

Manufactured No 110 Each 8.0000



 Shoulder Harness

Location	Loc Qty	Loc Code
ST266	8	
64259	4	
64621	4	

64259

D3637-041

Manufactured No 110 Each 14.0000


 Bracket Assembly

Location	Loc Qty	Loc Code
ST244A	3	
58205	2	
62720	1	
ST245A	11	
64790	11	

62720 1P

64790 3P

January 21, 2011 9:18:28 AM

Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 21, 2011 9:18:28 AM

Page 5

Work Order ID: 65647

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 1/21/11

Required Date: 2/04/11

Start Qty: 1.00

Required Qty: 1.00

5 D3637-3
Bracket

Manufactured No 110 Each 14.0000

4 4
64768

[Signature]

Location Loc Qty Loc Code

ST244A 14
64768 14

Manufactured No 110 Each 18.0000

4 4
64768

[Signature]

6 D3638-1
Bushing

Location Loc Qty Loc Code

ST243 18
64305 18

Manufactured No 110 Each 8.0000

1 1
64305

[Signature]

8 D3639-1
Doubler

Location Loc Qty Loc Code

ST244 8
64820 8

Manufactured No 110 Each 11.0000

1 1
64820

[Signature]

5 D3639-2
Doubler

Location Loc Qty Loc Code

ST244A 11
58829 3
64823 8

58829

[Signature]

January 21, 2011 9:18:28 AM

Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 21, 2011 9:18:29 AM

Page 6

Work Order ID: 65647

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 1/21/11

Required Date: 2/04/11

Start Qty: 1.00

Required Qty: 1.00

D3639-3

Manufactured No

110 Each

11.0000


Doubler



Location

Loc Qty

Loc Code

ST243

11

52256

3

64824

8

52206

D3639-4

Manufactured No

110 Each

11.0000


Doubler



Location

Loc Qty

Loc Code

ST243

11

58830

4

64819

7

58830

D3640-1

Manufactured No

110 Each

4.0000


Belt Guide



Location

Loc Qty

Loc Code

ST243

4

64814

4

64814

D3640-3

Manufactured No

110 Each

6.0000


Belt Guide



Location

Loc Qty

Loc Code

ST244

6

64813

6

64813

January 21, 2011 9:18:29 AM

Shop Packet Print

Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 21, 2011 9:18:29 AM

Page 7

Work Order ID: 65647

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 1/21/11

Required Date: 2/04/11

Start Qty: 1.00

Required Qty: 1.00

D3641-1

Manufactured No

110

Each

2.0000

2

2

Cover

Location

Loc Qty

Loc Code

ST260

2

57986

2

110

Each

3.0000

1

D3641-3

Manufactured No

Cover

Location

Loc Qty

Loc Code

ST260

3

58832

3

110

Each

2.0000

1

D3641-4

Manufactured No

Cover

Location

Loc Qty

Loc Code

ST260

2

58833

2

110

Each

15.0000

2

D3642-1

Manufactured No

Doubler

Location

Loc Qty

Loc Code

ST243

15

64306

15

110

Each

9.0000

1

D3643-1

Manufactured No

Stiffener

Location

Loc Qty

Loc Code

ST243

9

58834

4

60580

5

January 21, 2011 9:18:29 AM

Shop Packet Print

Page 7

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 21, 2011 9:18:30 AM

Page 8

Work Order ID: 65647

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 1/21/11

Required Date: 2/04/11

Start Qty: 1.00

Required Qty: 1.00

D3643-2

Manufactured No

110

Each

5.0000



1

1



Stiffener

Location

Loc Qty

Loc Code

ST243

5

58350

5

110

Each

4.0000



2

2

D3644-1

Manufactured No



Shim

Location

Loc Qty

Loc Code

ST243

4

58835

4

110

Each

12.0000



1

1

D3657-1

Manufactured No



Guide Tool

Location

Loc Qty

Loc Code

ST076

2

58838

2

ST243

10

64821

10

110

Each

3,371.000



32

132

MS20426AD3-3

Purchased

No



Rivet

Location

Loc Qty

Loc Code

ST316

3371

19099

3371

19099

January 21, 2011 9:18:30 AM

Shop Packet Print

Page 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 21, 2011 9:18:37 AM

Page 9

Work Order ID: 65647

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 1/21/11

Required Date: 2/04/11

Start Qty: 1.00

Required Qty: 1.00

MS20426AD4-4

Purchased

No

110

Each

3,208.000

106

106



Rivet

Location

Loc Qty

Loc Code

ST316

178

15541

178

15541

ST317

3030

116188

3030

MS20426AD4-6

Purchased

No

110

Each

2,061.000

28

28



Rivet

Location

Loc Qty

Loc Code

ST317

2061

110139

2061

m/10139

MS20470AD4-6

Purchased

No

110

Each

2,959.000

8

8



Rivet, Universal Head

Location

Loc Qty

Loc Code

ST319

2813

116391

2813

m/116391

ST320

146

114988

146

MS21059L3-

Purchased

No

110

Each

6.0000

16

16



Nut Plate

Location

Loc Qty

Loc Code

ST301

6

114718

6

110206

Comp/28

January 21, 2011 9:18:37 AM

Shop Packet Print

Page 9

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 21, 2011 9:18:37 AM

Page 10

Work Order ID: 65647

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 1/21/11

Required Date: 2/04/11

Start Qty: 1.00

Required Qty: 1.00

MS21072-L3-

Purchased

No

110

Each

29.0000

8

8 ✓



Nutplate

Location

Loc Qty

Loc Code

ST303

13

113356

1

116188

12

ST353

16

115908

16

115908

MS35207-267

Purchased

No

110

Each

25.0000

8

8 ✓



Screw

Location

Loc Qty

Loc Code

ST295

25

114884

25

114884

January 21, 2011 9:18:37 AM

Shop Packet Print

Page 10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

5.0 PARTS LISTS

QTY -011	Dart Part Number	Geneva Part Number	Description
X	D350-764-011	P131	Shoulder Harness Kit
4	D2854-1-080	N/A	VELCRO STRIP
4	D2854-3-080	N/A	VELCRO STRIP
16	D3578-041	N/A	DOUBLER
4	D3636-041	N/A	SHOULDER HARNESS
4	*D3636-11	G10601-2	SHOULDER BELT
4	*D3636-13	G10601-4	LAP BELT
4	D3637-041	G10602-1	BRACKET ASSEMBLY
4	D3637-3	G10609-1	BACKER PLATE
4	D3638-1	G10608-2	BUSHING
1	D3639-1	G10604-3	DOUBLER
1	D3639-2	G10604-6	DOUBLER
1	D3639-3	G10604-4	DOUBLER
1	D3639-4	G10604-5	DOUBLER
2	D3640-1	G10605-1	BELT GUIDE
2	D3640-3	G10605-2	BELT GUIDE
2	D3641-1	G10606-3/-6	COVER
1	D3641-3	G10606-5	COVER
1	D3641-4	G10606-4	COVER
2	D3642-1	G10607-1/-2	DOUBLER
1	D3643-1	G10610-2	STIFFENER
1	D3643-2	G10610-1	STIFFENER
2	D3644-1	G10610-3	SHIM
1	D3657-1	G12170	GUIDE TOOL
16	ALS4-1032-130	N/A	INSERT
32	AN3-3A	N/A	BOLT
16	AN3-6A	N/A	BOLT
4	AN4-10A	N/A	BOLT
48	AN960JD10	N/A	WASHER
4	AN960JD916	N/A	WASHER
4	AN970-6	N/A	WASHER
16	CCR264SS-3-03	N/A	RIVET
4	CR3212-4-02	N/A	RIVET
4	CR3212-5-04	N/A	RIVET
4	CR3212-5-07	N/A	RIVET
32	MS20426AD3-3	N/A	RIVET
106	MS20426AD4-4	N/A	RIVET
28	MS20426AD4-6	N/A	RIVET
8	MS20470AD4-6	N/A	RIVET
16	MS21059L3	N/A	NUTPLATE (OR MS21059-3)
8	MS21072L3	N/A	NUTPLATE (OR MS21072-3)
8	MS35206-267	N/A	SCREW

*Included with D3636-041

• COPYRIGHT © 2007 BY DART AEROSPACE USA, INC. •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Revision: B

Date: 07.10.16

**=UNDER REVIEW - NEED ENGINEERING
APPROVAL BEFORE SHIPPING KITS,
REQUIRES NEW SCREW (NCR10-068 CP)=**

**AS 350/355 REAR SEAT SHOULDER HARNESS
D350-764**

REFERENCE ONLY

Blue File for D350-764

APPROVALS

SR00211SE Issue 07.10.10

SH95-39 Issue 3

EASA.IM.R.S.01412 Issue 08.03.05

**INSTALLATION INSTRUCTIONS AT CHG002
IIN-D350-764 Rev. B**

**INSTALLATION INSTRUCTIONS AT CHG001
IIN-D350-764 Rev. A**

Last Updated on 2008.04.30 BY KJ Back